

A COMMITMENT TO SUSTAINABILITY



2014 TUFF Educational Facilities Best Practices Summit

G. P. “Bud” Peterson
President, Georgia Institute of Technology



A comprehensive and integrated approach to sustainability

Landscaping

12,000 trees, 400 acres

Physical Design

LEED Certified Master Site

2 Platinum, 12 Gold, 4 Silver

Energy — 623 kW of photo-voltaic energy development

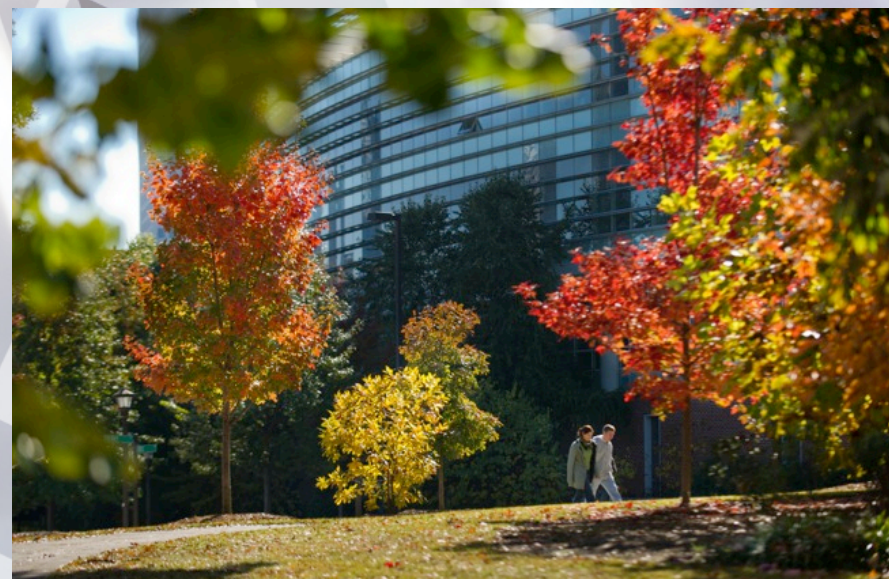
Food sourcing — 35% of produce purchased from local growers

Community — Campus Kitchen project for local shelters

Travel and Transportation

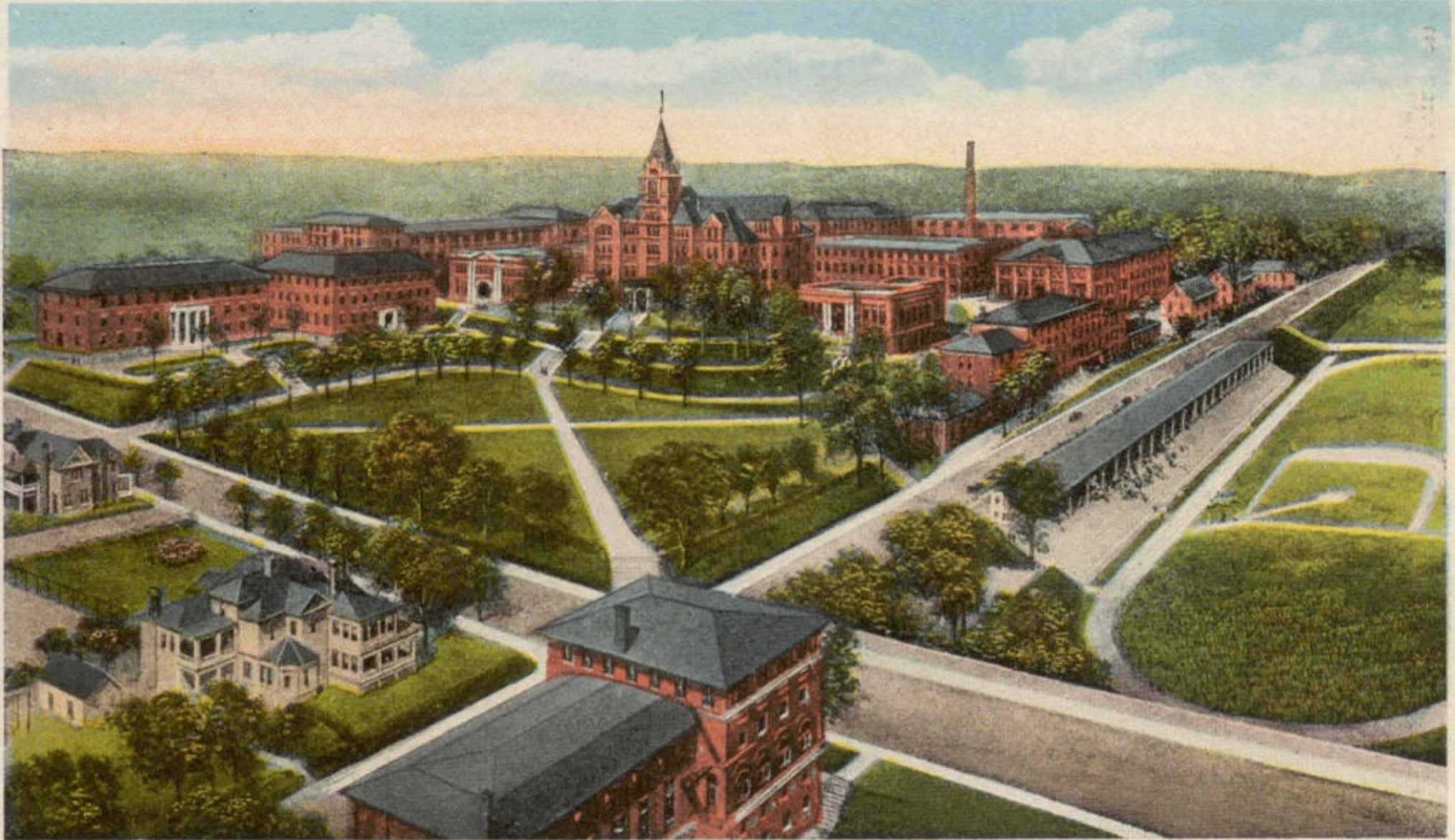
35% use alternative transportation

Water — 2.25M gallons of storage for stormwater management



Georgia Tech – 1920

BIRD'S EYE VIEW OF CAMPUS AND BUILDINGS.



GEORGIA SCHOOL OF TECHNOLOGY, ATLANTA, GA.

View of Historic Campus from Across North Ave.

Georgia Tech – 1892 Aerial View



1892 Aerial View of the sectors showing historic drainage patterns (aerial perspective with highlighted watersheds)

View of Historic Campus from Across North Ave.

Clough Undergraduate Learning Commons



Landscape Master Plan

Ecological and Human Landscape Components

Goals:

- Develop integrated, ecologically-based landscape and open space systems (storm water management)
- Enhance living, working and learning environment
- Unify the campus with a distinct sense of place
- Increase tree canopy, replace aging trees



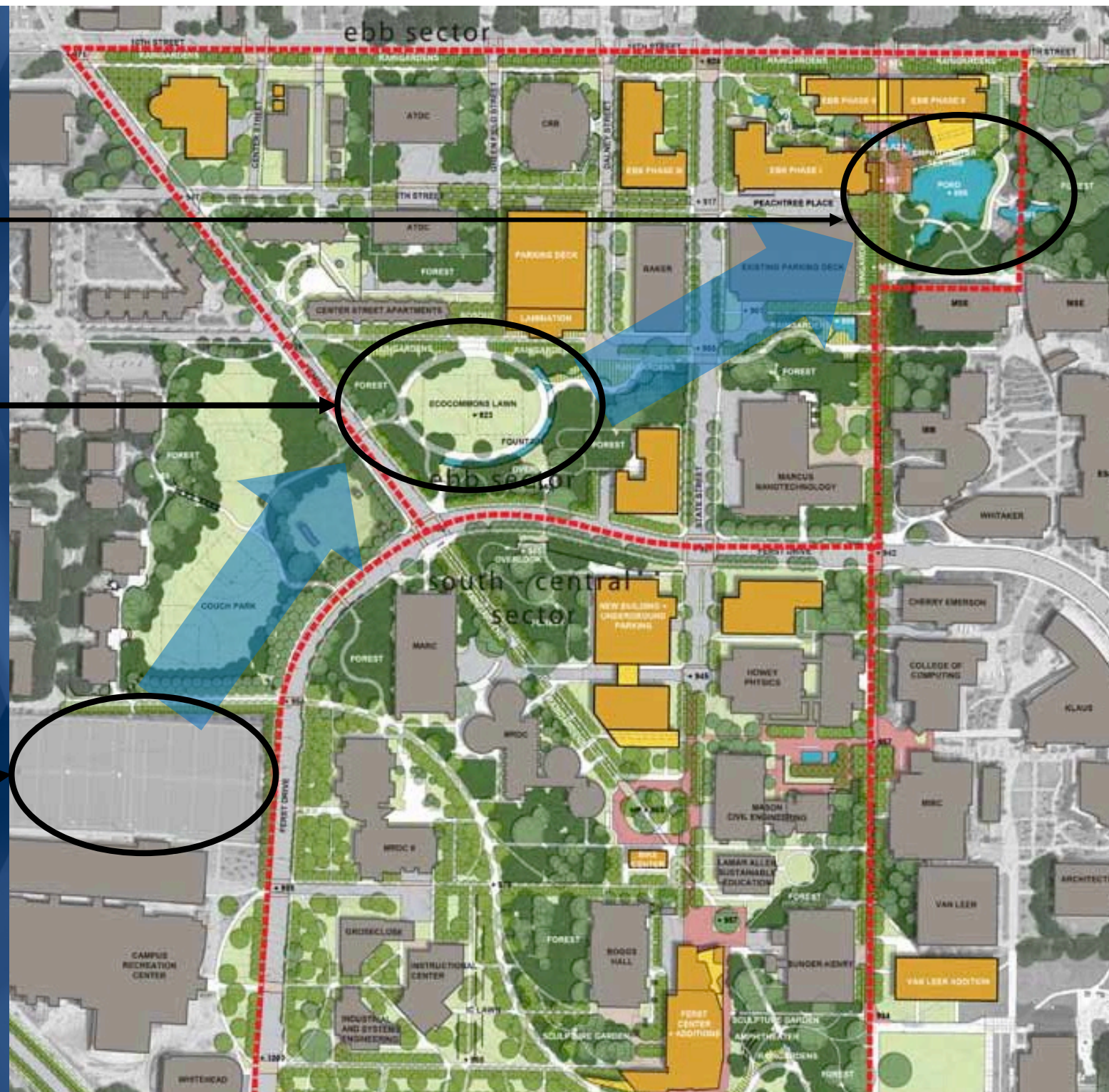
- Create an Eco-Commons (80 acres)
- Implement ecological performance requirements of 50% reduction of storm water runoff

Sector Plan

Retention

Reclamation

Infiltration



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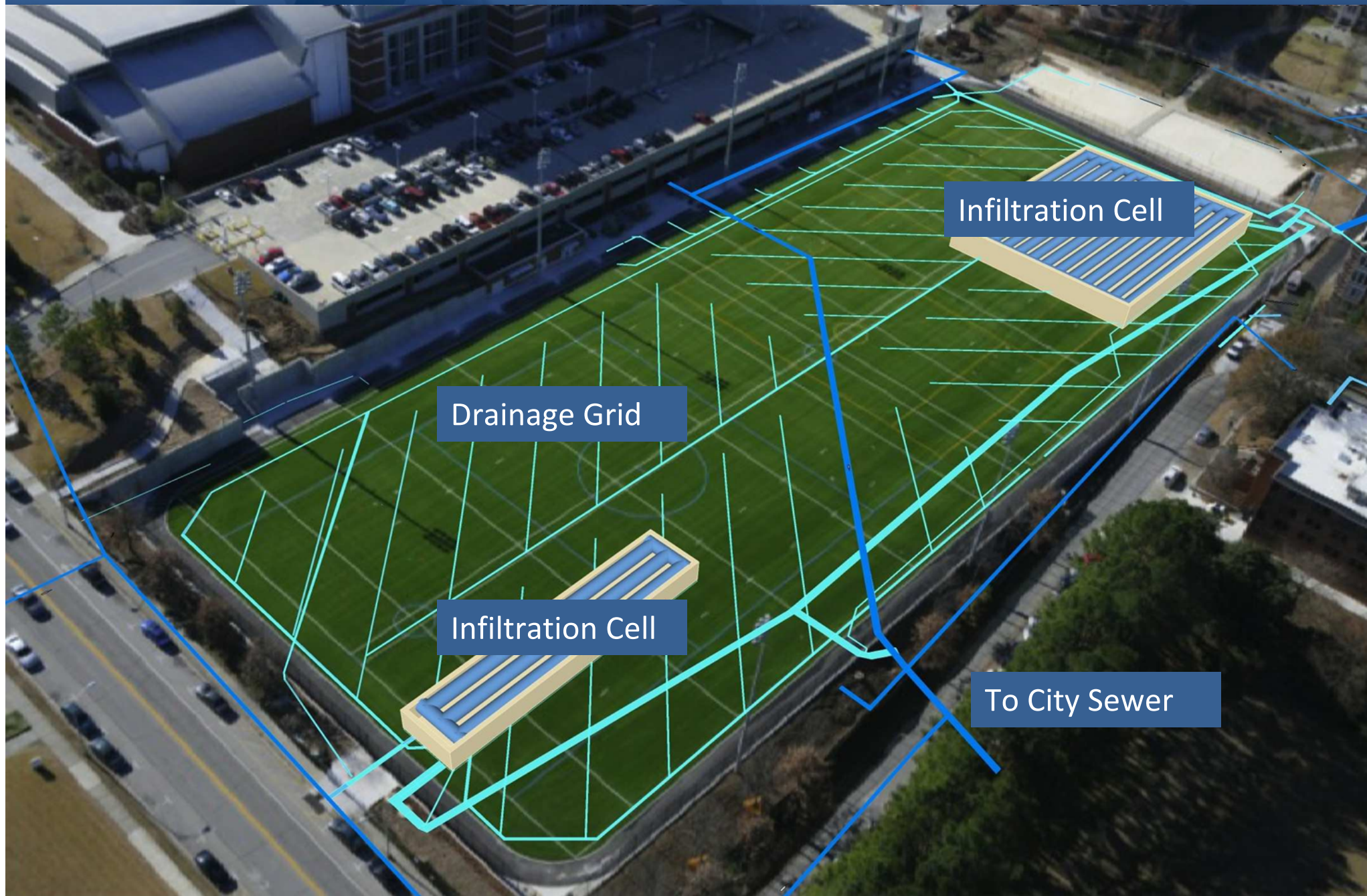
An architectural rendering of a modern building with a large, landscaped plaza. The building has a dark, multi-story facade with large windows. In the foreground, there is a large, open plaza with a winding path, a small pond, and several trees. People are shown walking on the path and standing near the pond. The overall scene is bright and sunny, suggesting a pleasant outdoor environment.

Proposed Eco-Commons path south of the Baker Building

Eco-Commons



Stamps Field (3.75 acres synthetic turf) - Infiltration areas



Looking Ahead



The Quality Enhancement Plan

- Georgia Tech offers **more than 100 courses** spanning every college which focus on sustainability.
- New SACS Quality Enhancement Plan: **Combining sustainability, experiential learning and community engagement**

Georgia Tech Campus RainWorks Challenge



by Georgia Tech - School of City & Regional Planning

Discussion

